

Title (en)

Optical set for examining of objects and method for examining of objects using optical devices

Title (de)

System und Verfahren zur Analyse von Objekten mittels optischen Vorrichtungen

Title (fr)

Système et méthode d'examen d'objets à l'aide d'appareils optiques

Publication

EP 2090223 A1 20090819 (EN)

Application

EP 08465003 A 20080215

Priority

EP 08465003 A 20080215

Abstract (en)

In an optical set for examining of objects comprising at least a slit lamp (140) having a body and comprising a positioning arrangement (130) for moving the slit lamp (140) with respect to an examined object (101), an optical arrangement and a projector (142) generating a beam of light, on the body (148) of the slit lamp (140) there is mounted, via a coupling arrangement (150), movably with respect to the body (148) of the slit lamp (140), a device for imaging objects using spectral optical coherence tomography (a SOCT device) (160), having at least part of an optical arrangement (163) comprising an object beam during examination of the object (101) by means of the SOCT device (160) situated between the optical arrangement (146) of the slit lamp (140) and the examined object (101).

IPC 8 full level

A61B 3/135 (2006.01)

CPC (source: EP US)

A61B 3/102 (2013.01 - EP US); **A61B 3/1225** (2013.01 - EP US); **A61B 3/135** (2013.01 - EP US)

Citation (applicant)

- US 6072623 A 20000606 - KITAJIMA NOBUAKI [JP], et al
- WO 2007055668 A2 20070518 - OPTOTEK D O O [SL], et al
- WO 2007148310 A2 20071227 - OPTOPOL TECHNOLOGY SP Z O O [PL], et al

Citation (search report)

- [XAY] WO 2006052479 A2 20060518 - OPTOVUE INC [US], et al
- [XY] EP 0659383 A2 19950628 - HUMPHREY INSTRUMENTS INC [US]
- [Y] EP 1787588 A1 20070523 - NIPPON TELEGRAPH & TELEPHONE [JP], et al

Cited by

CN102379680A; CN111281332A; US8892191B2; US8711364B2; WO2011143387A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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